

What is claimed is:

1. A method of manufacturing products in a plurality of types having different specifications, comprising the steps of:

obtaining required component information relative to components necessary for intermediate products to become the products;

obtaining supplied component information relative to the components which are supplied;

comparing said required component information with said supplied component information and selecting components having said supplied component information which is in conformity with said required component information; and

supplying the selected components to said intermediate products to manufacture the products.

2. A method according to claim 1, further comprising the steps of:

comparing said supplied component information with measured component information which is produced when said components having said supplied component information are measured; and

supplying the selected components to said intermediate products if said supplied component information is in conformity with said measured component information.

3. A method according to claim 2, further comprising the step of:

discharging the selected components if said supplied component information is not in conformity with said measured component information.

4. A method according to claim 1, further comprising the steps of:

moving said supplied component information relative to said components together with said components to said intermediate products; and

manufacturing said products according to said supplied component information.

5. An apparatus for manufacturing products in a plurality of types having different specifications, comprising:

required component information holding means for holding required component information relative to components necessary for intermediate products to become the products;

supplied component information holding means for holding supplied component information relative to the components which are supplied;

comparing means for comparing said required component information with said supplied component information; and means for supplying the components to said intermediate

products if said required component information is in conformity with said supplied component information in comparing with each other by said comparing means.

5           6. An apparatus according to claim 5, further comprising:

          component measuring means for measuring said components having said supplied component information to obtain measured component information; and

10           means for supplying the components to said intermediate products if said supplied component information is in conformity with said measured component information.

15           7. An apparatus according to claim 6, further comprising:

          discharging means for discharging the selected components if said supplied component information is not in conformity with said measured component information.

20           8. An apparatus according to claim 5, further comprising:

          tracking data holding means for tracking data including said supplied component information relative to the components; and

25           means for moving said tracking data together with said components to said intermediate products and manufacturing said products according to said tracking data.

9. An apparatus according to claim 8, wherein said intermediate products comprise webs, said components comprise cores around which said webs are to be wound, and said tracking data include data representing lengths of said cores, data representing diameters of said cores, and data representing the direction in which said webs are to be wound around said cores.

10. A method of manufacturing products in a plurality of types having different specifications, comprising the steps of:

when products manufactured from intermediate products are to be fed with a plurality of feed means and supplied to a single feed line with transfer means, adding address information in said intermediate products before becoming said products to said products, and feeding said products together with said address information with a plurality of feed means;

holding, as preceding address information, said address information of one of said products which has been supplied immediately before to said feed line by said transfer means; and

selecting another one of said products to which said address information held in a predetermined relationship to said preceding address information is added, and supplying the other one of the selected products to said feed line

with said transfer means.

11. A method according to claim 10, wherein said address information comprises positional information on said intermediate products which become said products.

12. A method according to claim 11, wherein said positional information comprises slit numbers successively defined in a direction of cut webs as said intermediate products and block numbers successively defined in another direction which is substantially perpendicular to said direction.

13. An apparatus for manufacturing products in a plurality of types having different specifications, comprising the steps of:

a plurality of feed means for feeding products manufactured from intermediate products;

a single feed line for feeding said products fed by said feed means;

transfer means for transferring said products fed by said feed means to said feed line;

address information holding means for holding address information in said intermediate products before becoming said products;

preceding address information holding means for holding, as preceding address information, said address

information of one of said products which has been supplied immediately before to said feed line by said transfer means;

product selecting means for selecting another one of said products to which said address information held in a predetermined relationship to said preceding address information is added; and

means for supplying the other one of the products selected by said product selecting means from said feed means to said feed line.

14. An apparatus according to claim 13, wherein said transfer means includes a plurality of transfer means, said product selecting means comprising means for selecting one of said products whose address information is held in a predetermined relationship to said address information of another one of said products which has been supplied immediately before to said feed means by said plurality of transfer means.

15. An apparatus according to claim 13, wherein said address information comprises positional information on said intermediate products which become said products.